

Pressure Cementing Method Exception Checklist

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30 TAC §290.41(c)(3)(C) requires that for each public water system well, the space between the casing and the drill hole shall be sealed by pressure cementing using one of the methods in accordance with the AWWA Standard for Water Wells (A100-06), Appendix C:

- a. Section C.2 (Positive Displacement Exterior Method);
- b. Section C.3 (Interior Method Without Plug);
- c. Section C.4 (Positive Placement, Interior Method, Drillable Plug); or
- d. Section C.5 (Placement Through Float Shoe Attached to Bottom of Casing)

A cementing certificate and/or bonding log, as well as other documentation may be required to assure complete sealing of the annular space. Additional information showing the cement specifications, including the type of cement and percentage of bentonite, is also helpful. If this well information is not available, or the existing information does not show this level of detail, then an exception to TCEQ's pressure cementing method may be requested by correspondence to:

Technical Review and Oversight Team (MC-159)
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

The following information must accompany the exception request:

- ☐ State of Texas Well Report (well driller's log). Information about how to find Well Logs:

<http://www.tceq.texas.gov/drinkingwater/SWAP/wells.html>

If the well reports are unavailable, request an exception to the Record Keeping Rule [§290.46(n)(3)] and provide as much as information as possible for the well, including, but not limited to:

- a. Casing diameter;
- b. Casing material;
- c. Well depth;
- d. Depth to water table;
- e. Date well was drilled;
- f. Driller name; and
- g. Owner of the property when the wells were drilled.

- ☐ Detailed map (include the scale and north direction arrow) or plat identifying :
 - a. Location of the well;
 - b. Nearby hazards (see next page)

SEE ADDITIONAL ITEMS ON PAGE 2 OF THIS CHECKLIST

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- A statement confirming the presence and location, or absence, of the following hazards (if present include on map):
 - a. Any of the following within 50 feet of the well:
 - 1) Sanitary or storm sewer
 - 2) Septic tank
 - 3) Cemetery
 - 4) Livestock and feedlots
 - b. Any of the following within 150 feet of the well:
 - 1) Septic tank disposal area
 - 2) Improperly constructed,* abandoned, or inoperable water well
 - 3) Underground or aboveground petroleum or chemical storage tank
 - 4) Transmission pipeline
 - 5) Landfill and dump sites
 - 6) Military and industrial facilities
 - 7) Sewage treatment plant or sewage wet well
 - 8) Drainage ditch containing industrial or municipal waste discharges
 - 9) Solid waste disposal sites
 - 10) Area where sewage plant or septic tank sludge or effluent is applied
 - 11) Any other potential hazards or contamination sources

*Improperly constructed wells include all wells not constructed to public water well standards (e.g. residential wells).

- Copies of sanitary control easements for the applicable wells that have been obtained and recorded in the county deed of records. If sanitary control easements for all properties within 150 feet of the well are not available, then an exception to this requirement may be requested. To obtain a copy of the "Sanitary Control Easement Exception Checklist," call the TCEQ's Technical Review and Oversight Team at (512) 239-4691.